



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/737,392	12/16/2003	Julia Y. Larikova	PB 01 0035	7630

45149 7590 07/19/2006

TELLABS OPERATIONS, INC.
LEGAL DEPARTMENT
1415 WEST DIEHL ROAD
NAPERVILLE, IL 60563

EXAMINER

NGUYEN, TUNG X

ART UNIT	PAPER NUMBER
----------	--------------

2829

DATE MAILED: 07/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/737,392

Applicant(s)

LARIKOVA ET AL.

Examiner

Tung X. Nguyen

Art Unit

2829

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 April 2006.
2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 6-10, 21 and 22 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 6-10, 21 and 22 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 16 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 6-10, and 21-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kwon et al. (u.s.p 5,070,297).

As to claims 6-7, Kwon et al. disclose in Figs. 3, a testing device for testing a integrated circuit comprising: a probe (16 of figure 3) for transmitting and receiving the signal to the integrated circuit (42 of figure 3); and the probe connecting to the high-speed electrical component (46-72 of figure 3) for transmitting a high-speed electrical signal from the high-speed electrical component to the component (42 of figure 3); and identifying and evaluating a response by the component to the high-speed electrical signal (col. 1, lines 20-24, and col. 3, lines 25-35). Kwon et al. Do not disclose the device under test is a optical component. However, It would have been obvious to a person having ordinary skill in the art at the time the invention to recognize the integrated circuit including the optical component.

As to claim 8, Kwon et al. disclose in Figs. 3, the test control unit (40 of figure 3) for adjusting the high-speed electrical signal.

As to claims 9-10, Kwon et al. disclose in Figs 3, the step of evaluating the response by the component comprises determining and comparing if the component

Art Unit: 2829

responds in substantially the same manner as a golden component would respond to a substantially equivalent high-speed electrical signal (via 54 or 56 of figure 3).

As to claim 21-22, Know et al. disclose in Figs. 3, identifying or evaluating the response by the component to the adjusted high-speed electrical signal (col. 3, lines 25-35).

Response to Arguments

3. Applicant's arguments filed 4/21/06 have been fully considered but they are not persuasive.

With respect to pages 10-11, Applicant's Remark argued that Kwon et al do not teach the step of connecting a high-frequency probe to a golden high-speed electrical component, and transmitting a high-speed electrical signal from the golden high-speed electrical component to the device under test.

In response, the examiner show that Kwon et al teach the test probe for testing the integrated circuit, and the test probe having a probe tip (16 of figure 3) for connecting the high-frequency probe to a golden high-speed electrical component considered being a plurality of the repeaters (46, 48) for receiving and amplify of level shift these signals, then send the amplified signals via probe tips (16 of figure 3) to the integrated circuit chip (42 of figure 3). Therefore, Kwon et al do teach the step of connecting a high-frequency probe to a golden high-speed electrical component, and transmitting a high-speed electrical signal from the golden high-speed electrical component to the device under test.

Conclusion

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

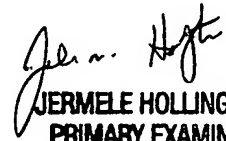
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tung X. Nguyen whose telephone number is (571) 272-1967. The examiner can normally be reached on 8:30am-5:00pm M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ha T. Nguyen can be reached on (571) 272-1678. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2829

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TN
7/02/06


JERMELE HOLLINGTON
PRIMARY EXAMINER
AV2829
07/06/06